

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Previously presented) A pressure-sensitive adhesive composition for medical pressure-sensitive adhesive tapes, comprising a base polymer containing a pressure-sensitive adhesive polymer obtained by crosslinking or curing a precursor containing a urethane acrylate oligomer having a carboxyl group and an ultraviolet (UV) initiator in an amount of less than 1.5% by weight based on the total amount of the adhesive composition, said base polymer having a glass transition temperature (Tg) of 0°C or less.
2. (Original) The pressure-sensitive adhesive composition as claimed in claim 1, which further comprises a plasticizer.
3. (Currently amended) The pressure-sensitive adhesive composition as claimed in claim 1-~~or 2~~, wherein said urethane acrylate oligomer is an oligomer obtained by reacting a mixture containing a polyalkylene glycol, an organic isocyanate having two or more isocyanate groups, and a compound having both a functional group reactive with the isocyanate group and a (meth)acryloyl group, and a compound having both a functional group reactive with the isocyanate group and a carboxylic group.
4. (Original) The pressure-sensitive adhesive composition as claimed in claim 3, wherein the content of the unit derived from the compound having both a functional group reactive with the isocyanate group and a (meth)acryloyl group in said urethane acrylate oligomer is from 0.35 to 0.6 mol%.
5. (Original) The pressure-sensitive adhesive composition as claimed in claim 4, wherein the content of said unit is from 0.40 to 0.45 mol%.
6. (Currently amended) The pressure-sensitive adhesive composition as claimed in claim 2, ~~any one of claims 1-5~~, wherein said plasticizer is a hydrophilic

plasticizer having, as the hydrophilic group, a hydroxyl group capable of hydrogen-bonding to a carboxyl group.

7. (Currently amended) The pressure-sensitive adhesive composition as claimed in claim 1, any one of claims 1 to 6, which further comprises an antioxidant.

8. (Previously presented) The pressure-sensitive adhesive composition as claimed in claim 7, wherein said antioxidant contains a hindered phenol-base antioxidant.

9. (Currently amended) The pressure-sensitive adhesive composition as claimed in claim 1, any one of claims 1 to 8, wherein said precursor contains said ultraviolet (UV) initiator in an amount of 0.01 to 1.0 mass% based on the mass of said urethane acrylate oligomer.

10. (Currently amended) A medical pressure-sensitive adhesive tape comprising a highly moisture-permeable substrate having thereon the pressure-sensitive adhesive composition claimed in claim 1 any one of claims 1 to 9.

11. (Currently amended) A medical pressure-sensitive adhesive tape consisting of a layer of the pressure-sensitive adhesive composition claimed in claim 1 any one of claims 1 to 9.

12. (Previously presented) A method for producing a pressure-sensitive adhesive composition for medical pressure-sensitive adhesive tapes, comprising:

mixing a pressure-sensitive adhesive composition precursor containing a urethane acrylate oligomer having a carboxyl group and an ultraviolet (UV) initiator in an amount of less than 1.5% by weight based on the total amount of the adhesive composition,

heating said adhesive composition precursor at a temperature of 50°C to less than 100°C to form a coating solution having a viscosity of 2,000 to 100,000 mPa·s, and

applying said coating solution to a substrate and thereafter, crosslinking or curing said urethane acrylate oligomer to form a base polymer having a glass transition temperature (Tg) of 0°C or less.

13. (NEW) A pressure-sensitive adhesive composition for medical pressure-sensitive adhesive tapes, comprising a base polymer containing a pressure-sensitive adhesive polymer obtained by crosslinking or curing a precursor containing a urethane acrylate oligomer having a carboxyl group and an ultraviolet (UV) initiator in an amount of less than 1.5% by weight based on the total amount of the adhesive composition, said base polymer having a glass transition temperature (Tg) of 0°C or less; and a plasticizer.

14. (NEW) The pressure-sensitive adhesive composition as claimed in claim 13, wherein said urethane acrylate oligomer is an oligomer obtained by reacting a mixture containing a polyalkylene glycol, an organic isocyanate having two or more isocyanate groups, and a compound having both a functional group reactive with the isocyanate group and a (meth)acryloyl group, and a compound having both a functional group reactive with the isocyanate group and a carboxylic group.

15. (NEW) The pressure-sensitive adhesive composition as claimed in claim 13, wherein the content of the unit derived from the compound having both a functional group reactive with the isocyanate group and a (meth)acryloyl group in said urethane acrylate oligomer is from 0.35 to 0.6 mol%.

16. (NEW) The pressure-sensitive adhesive composition as claimed in claim 13, wherein said plasticizer is a hydrophilic plasticizer having, as the hydrophilic group, a hydroxyl group capable of hydrogen-bonding to a carboxyl group.

17. (NEW) The pressure-sensitive adhesive composition as claimed in claim 13, which further comprises an antioxidant.

18. (NEW) The pressure-sensitive adhesive composition as claimed in claim 13, wherein said precursor contains said ultraviolet (UV) initiator in an amount of 0.01 to 1.0 mass% based on the mass of said urethane acrylate oligomer.

19. (NEW) A medical pressure-sensitive adhesive tape comprising a highly moisture-permeable substrate having thereon the pressure-sensitive adhesive composition claimed in claim 13.

20. (NEW) A medical pressure-sensitive adhesive tape consisting of a layer of the pressure-sensitive adhesive composition claimed in claim 13.